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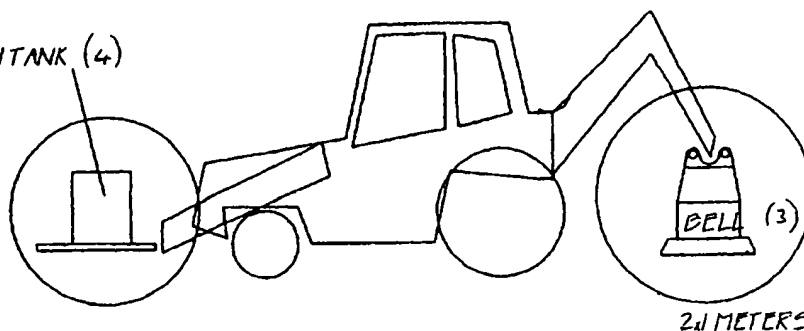
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(54) Title: IMPROVED ROAD REPAIR SYSTEMS

RE-JUVENATION TANK (4)



(57) Abstract: A range of various sized attachments of infrared heaters, powered by liquid petroleum gas (LPG) for installation to a number of different styles of vehicles. These infrared heaters are designed to heat asphalt and other road and structure surfaces for subsequent repair. The vehicles may be an adaptation to existing designs of medium to heavy road going flat bed trucks or to various types of construction loaders. The attachments to construction loaders may be installed as adaptations to front end loader quick-change systems or back hoe bucket mount positions. The whole attachment and its support operating and control assembly may be easily removed for addition to other vehicles of similar types. With the area heated to an appropriate temperature to release the bound surface structure it can then be raked and combined with minimal amounts of new surface fill if required to the previously damaged area. A rejuvenating liquid is then sprayed onto the mix, prior to compaction to provide a fast, economic, quiet and more environmentally friendly means of road repair than traditional methodology.

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